ABSTRACT OF THE DISCLOSURE

A method for printing outside the gamut by anticipating where monitor primaries will map and the placement of desired printer primaries at that place. A relationship is established between a printer (B2Ax) profile that anticipates the input (A2Bx) profile and maps them in a

5 simplistic manner. The mapping is used to create an output ICC profile (B2Ax) mapping that includes mappings for colors out of the gamut. First, the most important color mappings (RGBCMY, etc.) are established and these mappings are then used to determine the outside the gamut properties of the ICC output transform. The inside the gamut transforms remain the same as classic rendering. Another aspect of the present invention is to make run-time

10 changes to the printer profile to map the image input primaries to optimal output primaries, thus enabling a printer to be mapped for several different types of monitors or input primaries.